



<110> EISENBACH-SOWARTZ, METHAL YOLES, Eti KIPNIS, Jonathan

<120> THE USE OF COPOLYMER 1 AND RELATED PEPTIDES AND POLYPEPTIDES AND T CE LLS TREATED THEREWITH FOR NEUROPROTECTIVE THERAPY

```
<130> EIS-SCHWARTZ18
       06/209,799
<150>
<151>
       2000-06-07
<150>
       09/620,216
<151>
       2000-07-20
<160>
       33
<170> PatentIn version 3.1
<210>
<211>
       15
<212>
       PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 1
Ala Ala Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
<210>
       2
<211>
       15
<212>
       PRT
<213>
       Artificial Sequence
<220>
<223>
      Synthetic Construct
<400> 2
Ala Glu Lys Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
               5
<210>
      3
```

<220>
<223> Synthetic Construct
<400> 3

Ala Lys Glu Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
1

<211>

<212>

<213>

15

PRT

Artificial Sequence

```
<213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 4
 Ala Lys Lys Tyr Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
 <210> 5
 <211> 15
<212> PRT
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 5
 Ala Glu Ala Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala
 <210> 6
 <211> 15
 <212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 6
Lys Glu Ala Tyr Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
<210> 7
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 7
Ala Glu Glu Tyr Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala
<210> 8
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
```

```
<400> 8
 Ala Ala Glu Tyr Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala
 <210> 9
<211> 15
        15
 <211> 13
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 9
 Glu Lys Ala Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
 <210> 10
 <211> 15
 <212>
       PRT
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 10
Ala Ala Lys Tyr Glu Ala Ala Ala Ala Lys Ala Ala Ala Ala
<210> 11
<211>
      15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 11
Ala Ala Lys Tyr Ala Glu Ala Ala Ala Ala Lys Ala Ala Ala
                5
                                   10
<210> 12
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 12
Glu Ala Ala Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
```

```
<210> 13
<211> 15
<212> PRT
<213> "
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 13
 Glu Lys Lys Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
 <210> 14
 <211> 15
 <212> PRT
 <213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 14
Glu Ala Lys Tyr Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
<210> 15
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 15
5
                             10
<210> 16
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 16
<210> 17
<211>
     15
<212>
     PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
```

```
<400> 17
 Ala Lys Lys Tyr Glu Ala Ala Ala Ala Ala Ala Ala Ala Ala
 <210> 18
 <211> 15
 <212>
      PRT
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 18
Ala Lys Lys Tyr Ala Glu Ala Ala Ala Ala Ala Ala Ala Ala Ala
 <210> 19
 <211>
     15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 19
Ala Glu Ala Tyr Lys Ala Ala Ala Ala Ala Ala Ala Ala Ala
<210>
      20
<211>
     15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 20
10
<210>
     21
<211>
     15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 21
```

```
<210>
<211>
       22
       15
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 22
 Ala Ala Glu Tyr Lys Ala Ala Ala Ala Ala Ala Ala Ala Ala
                                 10
 <210> 23
 <211> 15
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Synthetic Construct
 <400> 23
 <210> 24
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 24
Ala Ala Lys Tyr Glu Ala Ala Ala Ala Ala Ala Ala Ala Ala
<210> 25
<211> 15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 25
Ala Ala Lys Tyr Ala Glu Ala Ala Ala Ala Ala Ala Ala Ala
<210> 26
<211>
      15
<212>
      PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
```

```
<400> 26
10
<210> 27
<211>
    15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 27
5
<210>
     28
<211>
    15
<212>
    PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 28
Ala Glu Tyr Ala Lys Ala Ala Ala Ala Ala Ala Ala Ala Ala
<210>
    29
<211>
    15
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 29
<210>
    30
<211>
    15
<212>
    PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 30
```

<400> 32

<210> 33 <211> 22 <212> PRT <213> Homo sapiens <400> 33

Gly Gln Phe Arg Val Ile Gly Pro Gly His Pro Ile Arg Ala Leu Val 1 5 10 15

Gly Asp Glu Ala Glu Leu 20